

Amphenol®



Helios Solar Cable

Amphenol Industrial Operations (AIO) understands the need for efficient, highly reliable, and cost effective solutions that are required to be competitive in the solar industry. We are proud to offer our Solar Cable Line featuring PowerLink and ArmorLink cable. Tin plated copper insulated by a high-temperature cross-linked polymer jacket provides you with maximum performance and durability. Amphenol Industrial can help you power the planet with the sun.

Features:

- Flexibility at low temperature
- Thermoset-insulated conductor
- Thermoplastic jacket
- Long-term insulation resistance to moisture

PowerLink Solar Cable

Application:

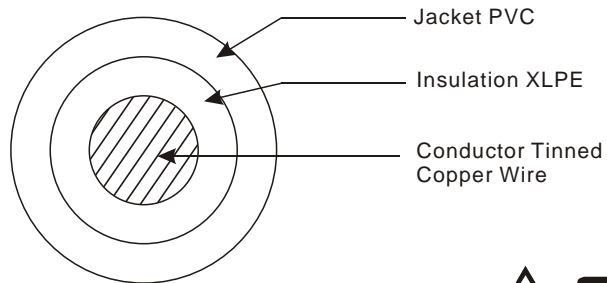
Double insulated, cross-linked cables for solar power applications.

Construction:

Stranded tin plated copper insulated with a XLPE under a PVC jacket

Technical specification:

Nominal voltage	600/1000V AC
Test voltage	4000 v, 50HZ, 5 min
Temperature rating	-40°C up to +90°C
Ambient temperature	>25 years (TÜV) -40°C up to +85 °C
Max. short circuit temperature	280°C , +536°F
Bending radius	≥4 X outer Φ



Ordering information

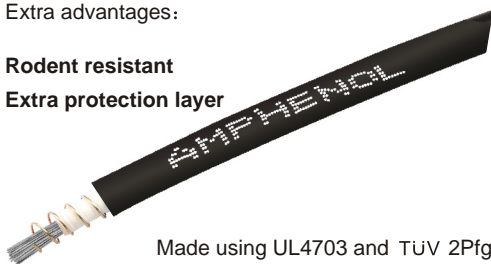
1	2	3		4		5		6		7		8		
H	4	S		S		A		O		U		A		
Product line	Product type	Product		Jacket Color		Strands		Cable size		Approval		Package		Variation
Helios solar line	H4 solar connector	S.A	Armoring?	S.R.B	Color	A.B.C.	Stranding/Comp	0,12.	[Mm]/AWG	U.T.W.V	Approval	A.B.C	Reel Size	
Helios solar line	H4 solar connector	S	Standard	S	Standard (Black)	A	19/30TC	0	1.2[mm]18AWG	U	UL	A	24" reel	
		A	ArmorLight	R	Red (TUV Only)	B	19/29TC	1	1.7[mm]16AWG	T	TUV	B	36" reel	
				B	Blue (TUV Only)	C	19/27TC	2	2.4[mm]14AWG	W	UL Guideline w/ ArmorLight	C	42" reel	
						D	19/25TC	4	3.8[mm]12AWG	V	TUV Guideline w/ ArmorLight			
						E	19/23TC	6	6.1[mm]10AWG					
						F	19/21TC	10	9.8[mm]8AWG					

* bulk copper strand and other gauges are available.

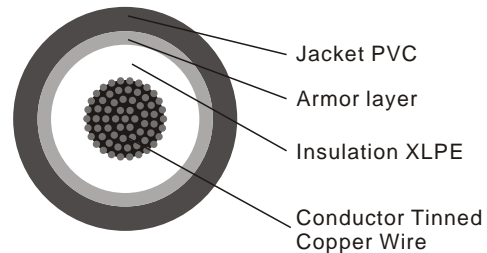
ArmorLink Solar Cable

Extra advantages:

- Rodent resistant
- Extra protection layer



Made using UL4703 and TÜV 2Pfg 1169 as guidelines.



Notice: Specifications are subject to change without notice. Contact your nearest Amphenol Corporation Sales Office for the latest specifications. All statements, information and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied. Statements of suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should assume that all safety measures are indicated or that other measures may not be required. Specifications are typical and may not apply to all connectors.

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